

HALAMAJ, Wladyulaw, mgr inz.; SUCHODOLSKI, Zbigniew, mgr inz.;
SZWAJGER, Wlodzimierz, inz.

Squealers and rocks in the Nowa Ruda mine. Wiadom gorn 13
no.3:91-96 Mr '62.

SUCHODOLSKI, Zbigniew, mgr.,inz.

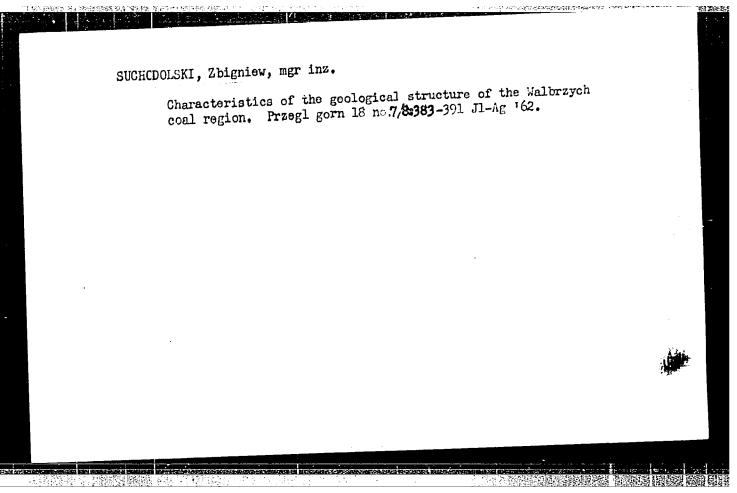
Geological structure and the raw material wealth in the Sudety trough. Frzegl gorn 13 no.1:25-29 '62.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

· 1988年度1888年188日 (1984年)

SUCHODOLSKI, Zbigniew, mgr.,inz.

Influence of the distance of the stowing from the logwall face on the behavior of carbon dioxide in seams. Przegl gorn 18 no.3: 172-176 '62.



TARHOWSKI, J., dr. inz.; SUCHODOLSKI, Zbigniew, mgr. inz.; OSMEDA,

Josef, mgr. inz; HALAMAJ, Wladyslaw, mgr. inz.; CYBULSKI, Waclaw, prof. dr. inz.;

Discussion concerning J. Tarnowski's paper on "Method of investigating the degree of danger caused by ejections of coal and squealers as well as the behavior of gas around undergroud workings. Przegl gorn 19 no.5:233-236 My '63.

1. Kopalnia Doswiadczalna Barbara, Glowny Instytut Gornictwa (for Cybulski)

SUCHODOLSKI, Zbigniew, mgr inz.

Modification of the working system of coal seams under medium hazard of carbon dioxide and rock outbursts. Glow inst gorn prace no.352/360:197-215 '64.

CZECHCSLOVAKIA/Chemical Technology - Chemical Products and Their Application - Leather. Fur. Gelatin. Tanning

Agents. Technical Proteins.

Abs Jour

: Ref Zhur - Khimiya, No 9, 1958, 31200

Author

Suchomel, A. and Mazanek, M.

Inst Title Raw Materials for the Production of Synthetic Hairy Sole

Leather For Leisure Footwear.

Orig Pub

: Kozarstvi, 6, No 11, 193-194, 1956.

Abstract

The following materials are required for the production of the type of leather indicated above: a fibrous raw material, a plasticizer, stabilisers, impregnants, vulcanizing agents, and coagulating agents. The fibrous raw material consists of a mixture of ground chrome tanned (2 parts) and vegetable tanned (1 part) leather waste. An aqueous mixed emulsion of bitumen and mineral wax,

cumarone resins, or paraffin.

Card 1/2

# APPROVED FOR RELEASE: Toby 26/2000 herden Application - Leather. Fur. Gelatin. Tanning

Agents. Technical Proteins.

Abs Jour

: Ref Zhur - Khimiya, No 9, 1950, 31200

'Svit' grade chloroprene latex emulsions are used as the impregnating material (particle size 0.5-1,4); after congulation this type of rubber shows good physicomechanical properties though it is somewhat less abrasionresistant than thermoplastic polymers. The stabilizers used are condensation products of dioxydiphenylsulfone with sulfite liquors. For the vulcanization 50% suspensions of CaC, MgO, or ZnO are used. The coagulating agents used consist of transparent TN: clear ? (i.e., pufified from impurities) solutions of  $M_2(SO_h)_3$ ,

26012

Z/036/60/000/004/001/001 A205/A126

26.2120

AUDHORS:

Vystyd, Miloš, Vodsedálek, Josef, and Suchemel, Drahomir

TITLE:

Cast high-temperature alloys for gas tubine blades

FARIUDICAL: Slévárenství, no. 4, 1960, 111 - 114

The author lists advantages and disadvantages of cast and wrought alloy gas tubine blades, describes high-temperature alloys used in foreign states and compares them with the "Poldi AKNC" alloy produced in the ČSR. He describes the investment casting method employed by the Prvni brněnská strojirna (Mechanical Engineering Plant) in Brno. In cooperation with the "Prvni brněnská strojirna, závody K. Gottwalda" in Brno, the "SVOME - Státní výzkumný ústav materiálu a technologie" (State Research Institute for Materials and Technology) in Prague, conducted preep strength, fatigue strength, physical property and heat-impact resistance bests on "Poldi AKNC-L" alloy. The test rods were centrifugally cast into molds, produced by the lost-wax process. The alloy was tested after 2 different real treatments; normal treatment (solution annealing at 1,080°C/4 hrs/air hardening at 700°C/16 hrs/air) and gradual treatment (solution annealing at 1,000°C/16 hrs/air) in termifient annealing at 1,000°C/16 hrs/air, and nardening at 700°C/16 hrs/air.

 $\chi$ 

Cara 1/3

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720014-2"

### "APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720014-2

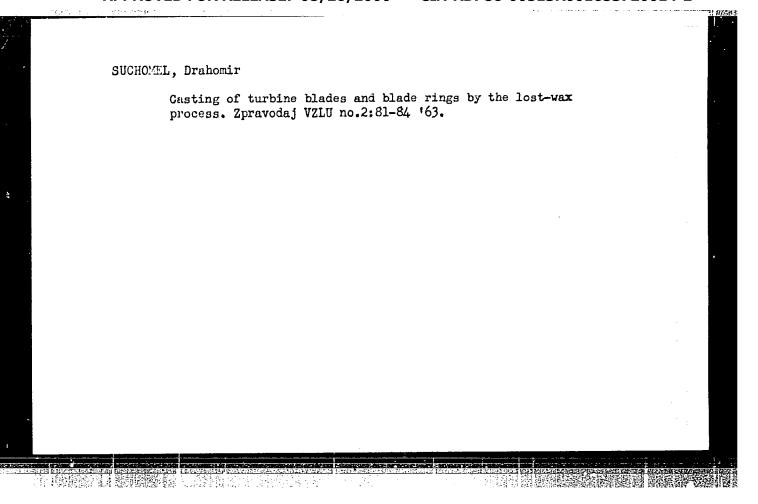
26102

Z/036/60/000/004/001/001 A205/A126

Cast high-temperature alloys for gas turbine blades

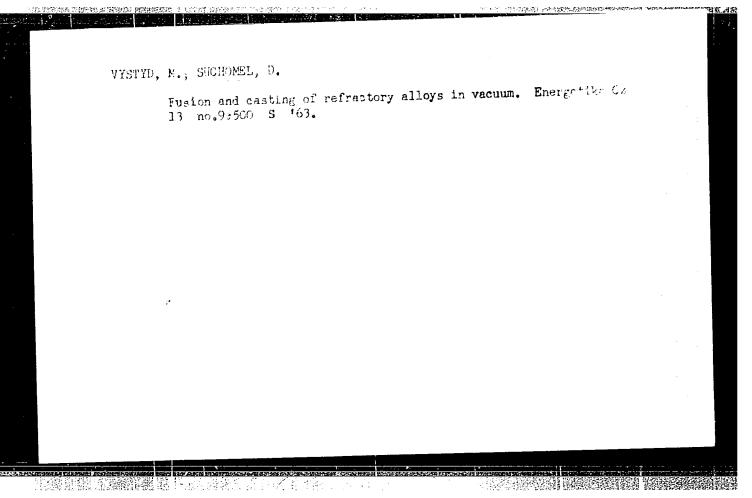
teir). Tradual near breatment caused separation of GryCq on boundary grains which or wed very advantageous. "Poldi AKNC-L" alloy castings showed better trees -prompth than "Nimonic" alloy castings, and "AKNC-L" castings with normal heat treatment have properties similar to "Nimonic 80A" wrought alloy, while properties of "AKNO-L" castings with gradual heat treatment resemble those of "Nimonic 90" wrought alloy. Patigue tests were made at 20, 650 and 700°C comparatively on an hi and a "Schenk" pulsator and produced same results. The fatigus limit at 2000 is approximately, 10 kg/mm2 lower than that of a wrought part but increases with increasing temperature. However, the fatigue limit decreases considerably under tensile stress and is already 16.5% lower at a prestress of 5 kg/mm2. The amount and size of cracks, originating after repeated heating and water-shower quenching of wedge-snaped samples, was measured on an apparatus, developed for this purpose by the SVDMT. West results indicate that the "ARNO-L" cast allow produces some what worse results, especially at lower temperatures. The "Proni brnerská strojírsa" introduced centrifugal investment casting of radial virtime impellers and axiab .vet.ader rims both used in superchargers. The impeller wheels ar- 80 - 130 mm in tham-der weigh 0.20 - 1.45 kg, have 10 - 17 blades and operate at 650°C with 45.000 rpm. The bladed rims are 152 - 420 mm in diameter, weigh 0.6 - 8.5 kg, have

Card 2/3



VYSTYD, Milos, inz., Sec.; SUCHONEL, Drahomir

Vacuum casting of turbine blades. Zpravodaj VZLU no.2:
85-90 '63.



VYSTYD, Milos; SUCHOMEL, Drahomir, NOVOTNA, Jindra

Precision casting of alloys on the MiCr basis in vacum. Slevarenstvi 11 no.11:457-463 Nº63.

1. Statni vyzkumny ustav materialy a technologie, Praha (for Vystyd). 2. Prvni brnenska strojirna (for Suchomel and Novotna).

SUCHOMEL, Frantisek; NAVRATIL, inz.; SLADEK; CERNY; CHVATAL, dr.; LIDICKY, Frantisek, inz.

Cooperation of the Ministry of Fuel and Power with people's committees in managing the power resources. Energetika Cz ll no.8:Suppl.:Energetika ll no.8:1-6 '61.

1. Ministerstvo paliv a energetiky (for Suchomel and Lidicky)

### "APPROVED FOR RELEASE: 08/26/2000

### CIA-RDP86-00513R001653720014-2

_		7.1
:	I. 16623-66 EMP(t)/ETI IJP(c) JD  ACC NR. AP6026069  SOURCE CODE: CT/0001/CF/000/000	
	2001CE CODE: C2/0034/65/000/012/0866/0872	
	AUTHOR: Vondrasek, Vaclav (Docent; Engineer); Suchomel, Frantisek (Engineer)	
	ORG: VSB, Ostrava; Metallurgical Projects, Prague (Hutni projekt)	
	TITIE: Contribution to the problems in tin coating	
	SOURCE: Hutnicke Listy, no. 12, 1965, 866-872	
	TOPIC TAGS: motal coating, tin, electroplating, sheet motal, metallurgic process, industrial management	
	ABSTRACT: Coatings obtained by electroplating are compared to hot dip coatings. FeSn2 interlayer on an electrically coated sheet is formed only during the short period of reheating and is thinner than the one formed in the hot dip process. This improves the mechanical properties of the tinned sheet. At the same time the tin layer is thinner and thereby the process is more economical. The only disadvantage of the electroplating process is its higher power consumption. The electroplated tinned sheets show also a higher corrosion resistance than the hot dipped sheets. Orig. art. has: 18 figures and 2 tables. Based on authors! Eng. abst.	
İ	SUB CODE: 11, 13, / SUBM DATE: none / ORIG REF: 002 / SOV REF: 001	
	Cord 1/1 afs UDC: 669.65.68	
10 to		

SUCHOMEL, Jiri, inz.; HAVEL, Frantisek, inz.; STRNADOVA, Zdenka Use of mathematical methods in the economy of the dairy industry. Prum potravin 14 no.2:57-61 F 163. 1. Vyzkumny ustav mlekarensky, Praha.

SUCHOMML, Jiri, inz.; HAVEL, Frantisek, inz.

Use of mathematical methods in reducing the transportation costs in the dairy industry. Prum potravin 14 no.11:564-567 N'63.

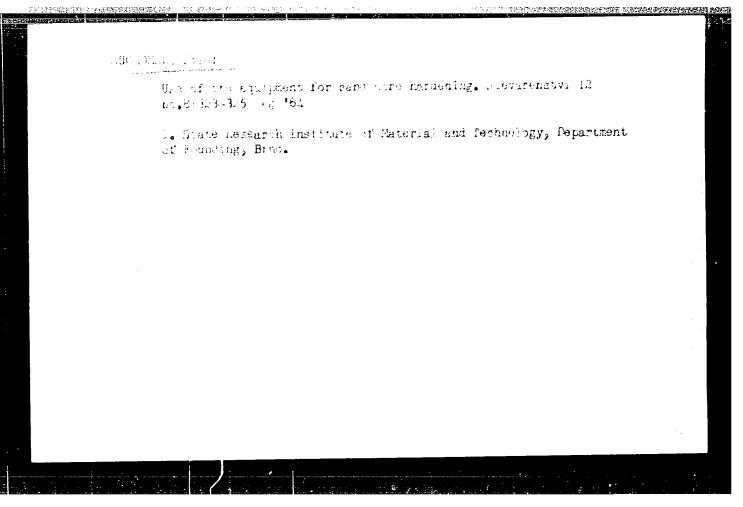
1. Vyzkumny ustav mlekarensky, Praha.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

SUCHOMEL, Jiri, inz.; PRUCHA, Antonin

Effect of technological development on the qualification of dairy industry workers. Prum potravin 16 no.4:195-197 Ap '65.

1. Dairy Research Institute, Prague. Submitted August 6, 1964.



```
PROCHAZKA, Earel, Doc., MUDr.; SUCHOMEL, Karel, MUDr.

Gunna of the lungs. Cesk. derm. 30 no.3:166-171 June 55.

1. Z plicni kliniky (prednosta prof. Dr. J. Jedlicka) a z I.
dermatovenerologicke kliniky (prednosta prof. Dr. K. Gawalowski)
v Praze.

(SYPHILIS, complications
lungs gumma, clin. aspects.)

(LUNGS, diseases
gumma caused by syphilis, clin. aspects.)
```

```
#Ecologic Varia illity of the Groundin- (Robio Robis (Linnaeus) 1758)",
P. 1, (VETHER, Vol. 17, No. 1, 1953, Franc, Szech.)

SO: Monthly List of East European Accessions, (EEEL), LC, Vol. 4, No. 3, Nor 1955, Uncl.
```

SUCHON, Kazimierz

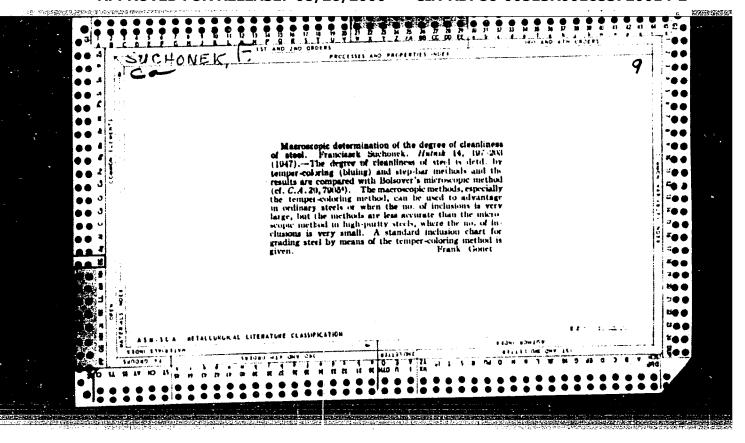
Heating stoves with multicharge hearths. Problemy proj hut
maszyn 12 no. 2:45-49 F '64.

1. Biprohut, Gliwice.

SYC, Stefan; SUCHON, Waclaw

On the problem of toxic activity of azotox in man with a description of 4 cases. Polski tygod.lek. 15 no.24:909-913 13 Je \*60.

1. Z Oddzialu Chorob Wewnetrznych A; ordynator; dr med. Stefan Syc Szpitala Wojewodzkiego w Opolu; dyrektor dr Borys Glazer; doradca naukowy dr med. Jan Jodlowski, specjalista wojewodzki w zakresie chorob wewnetrznych (DDT toxicol)



SUCHOPAREK, B.

"Building up Grooves and Edges by Welding" p. 10, (HUTHIK, Vol. 3, no. 1, Jan. 1953, Praha, Czechoslovakia).

SO: Monthly List of East European Accessions, LC, Vol. 2, No. 11, Nov. 1953, Uncl.

SUCHOPA, Jan, inz.

三年表 15、日本報告計劃,2017年1日日

Experience of a scraper plow crew at the Dul ceskoslovensky picnyr mine in the Ostrava-Karvina coalfield. Uhli 5 no.11: 375-377 N 163.

1. Dul ceskoslovensky pionyr, Petrvald.

Inserting dies. p. 286. HUTNIK. (Ministerstvo hutniho prumyslu a rudnych dolu) Praha. Vol. 4, no. 9, Sept. 1954.

Source: EFAL IC Vol. 5, No. 10 Oct. 1956

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

SUCHOPAREK, R.

Selection of Steel for dyes. p. 79.
HUTNIK. (Ministerstvo hutniho prumyslu a rudnych dolu) Praha.
Vol. 5, No. 3, Mar. 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress, Vol. 4, No. 12, December 1955.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

SUCHOPAREK, R.

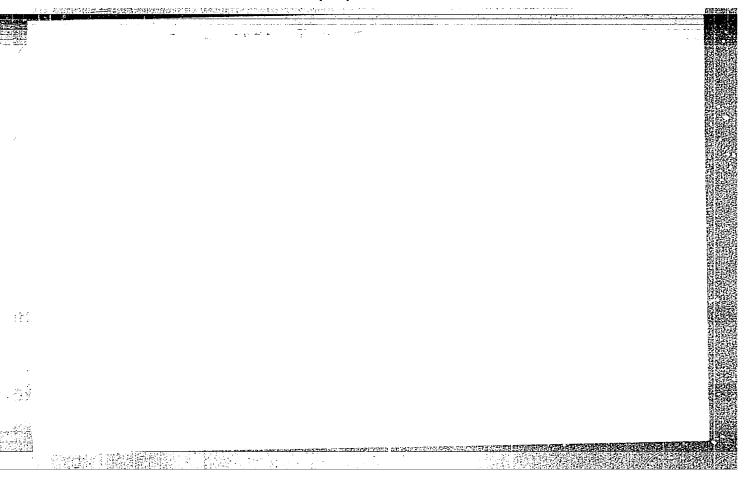
Etching die-forged steel to test the grain of material. p. 248. Thread rolling on thread millers. p. 250. HUTNIK. (Ministerstvo hutniho prumyslu a rudnych dolu) Praha. Vol. 5, No. 8, August 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress, Vol. 14, No. 12, December 1955.

SUCHOPAREK, R. Wearing of dies. p. 217.

Vol. 6, no. 7, July 1956
HUTNIK
TECHNOLOGY
Czechoslovakia

So: East European Accession, Vol. 6, No. 7, Nay 1957



SUCHOPAREK, Rudolf

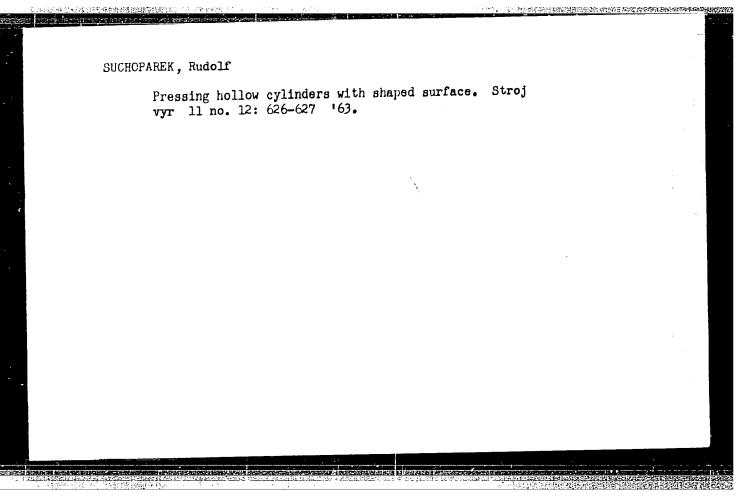
Making the short forgings by upsetting on horizontal forging machines. Stroj vyr 10 no.7:362 '62.

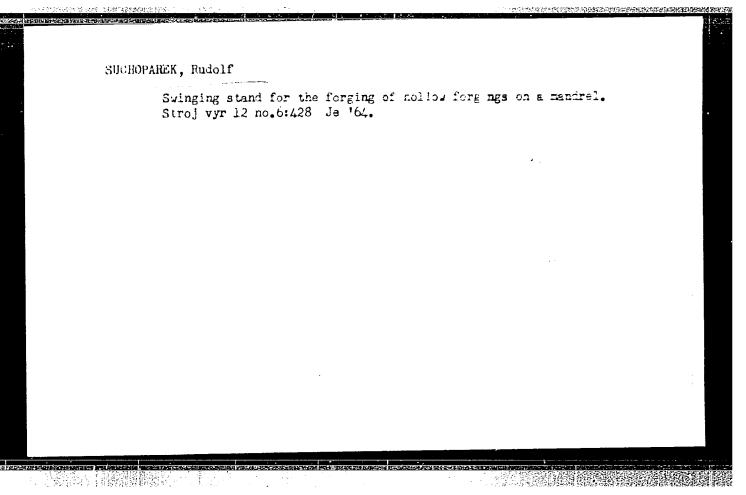
<u> </u>	AFFTC/ASD Pf-4 JD/HM 2/0034/63/000/006/0454/0454	
AUTHOR: Suchoparek, R.  TITLE: Method of manufacturing geaml similar hollow objects of various crometals and alloys, by cold or hot pre-	ess thin and thick-walled pipes and other ess sections and sizes, from steel, nonferrous essing.	
ABSTRACT: The article is a review of invention describes an apparatus for The bar requires a small short hole serted. The rod stretches across the side of the chamber. The material is introduced into the press. The mode of the perpendicularly to the ditto this direction. In this way the claims saving in the metal required,	, extrusion apparatus, pipe manufacture  f Czech patent application FV 3124-62. The the extrusion of pipes from solid metal bars. at midpoint, into which the shaping rod is in- e press chamber and is fixed in the opposite s heated to a suitable temperature before it saterial is then compressed around the shaping aterial is the exerted pressure or at an angle rection of the exerted pressure or at an angle hollows of the part are formed. The invention better shapes, lower formation temperatures	
Card_1/2		

ACCESSION NR: AP3001440		The second secon	. •	
with lower stressing of th figure.	e presses and hig	her production. On	rig. art. has 1	
ASSOCIATION: none				
SUBLUTTED: OO	DATE ACQ: O	3Jul.63	ENCL: 00	
SUB CODE: ML, MD	NO REF SOV:	000	OTHER: 000	
Card 2/2				

# SUCHOPAREK, Rudolf Trucks for handling large forging and other heavy objects. Stroj vyr 11 no.5:258 My '63.

# SUCHOPAREK, Rudolf "Forging" by F. Drastik. Reviewed by Rudolf Suchoparek. Stroj vyr 11 no.5:269 My '63.





FOLWARCZNY, Czeslaw, mgr inz.; SOBOTKOWSKI, Witold, mgr inz.; SUCHORAB, Antoni, inz.

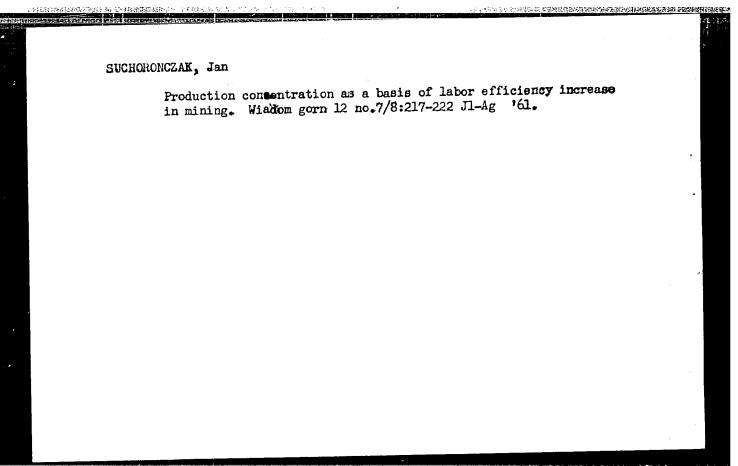
Reliability and safety testing of thermal installations in power stations. Pt.1. Energetyka Pol 18 no.3:Supplement: Energopomiar 10 no.2:14-16 Mr\*64

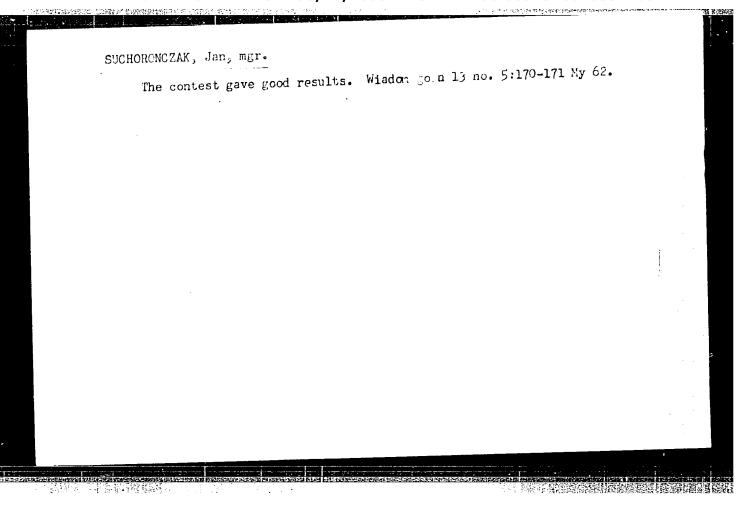
l. Pion Cieplny, Zaklad Badan i Pomiarow, Warszawa.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

FOLMARCZNY, Czeslaw, mgr inz.; SOBOTKOMSKI, Witold, mgr inz.;
SUCHOFAB, Antoni, inz.

Methods of performing acceptance tests of thermal equirment in power plants. Pt. 2. Energetyka Pol 18 no. [i.e.5]:Suppl.Biul nauk techn energopemiar 10 no. 3.17-23 My '64.





"Time of Flight measurement of the total neutron Pross-Jection of Grantum - 235, Brenium - 235 and Flutonium - 239," a paper presented at the Monas for Money denferose, Geneva, Switzerland, 1955

GAJEWSKI, W.; SUCHORZEWSKA, J.; VOTRUBA, M.F.; ZAKRZEWSKI, J.

The production of light mesonic hyperfragments and Li<sup>8</sup> fragments from the interactions of K mesons of 1.3 and 1.5 GeV/c momenta. Acta physica Pol 27 no.2:329-334 F '65.

1. Institute of Experimental Physics of the Warsaw University and Institute of Nuclear Research, Warsaw (for Gajewski), Suchorzewska, Zakrzewski). 2. Institute of Physics of the Czechoslovak Academy of Sciences, Fragus (for Votruba). Submitted June 18, 1964.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

# The maritime law enters the atomic era. Tech gasp morska 10 no.3: 70-71 '60. (REAI 9:6) 1. Izba Morska, Gdynia. (Atomic ships)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

SUCHORZEWSKI, S., adwokat (Gdynia)

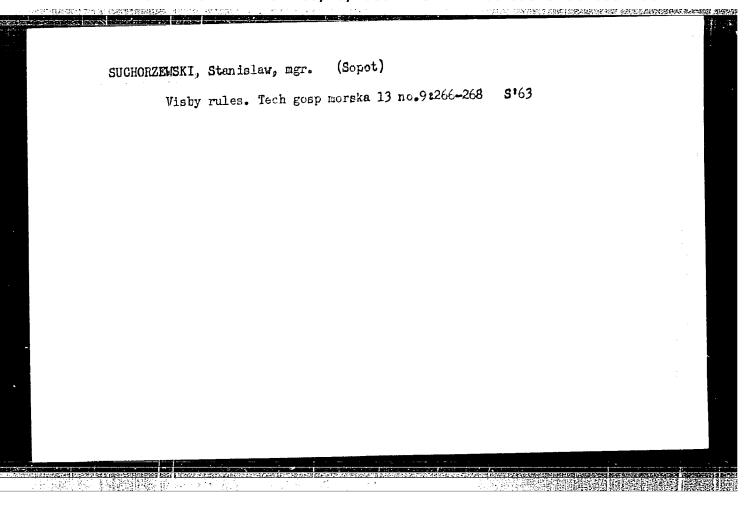
A convention on the transportation of passengers by sea, Brussels 1961.
Tech gosp morska 11 no.11:333-335 '61.

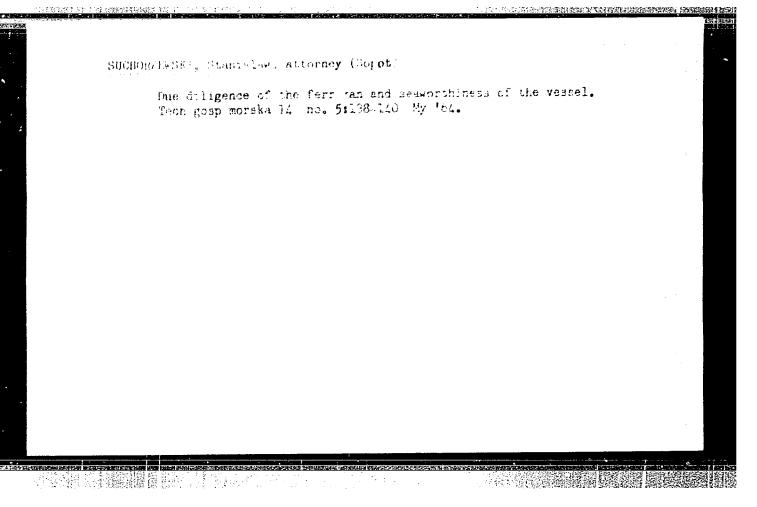
APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

SUCHCRZEWEXI, Stanislaw, advokat (Gdynia)

Characteristics of a contract of carriage. Techn gosp morska
12 no.2:42-43 '62.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"



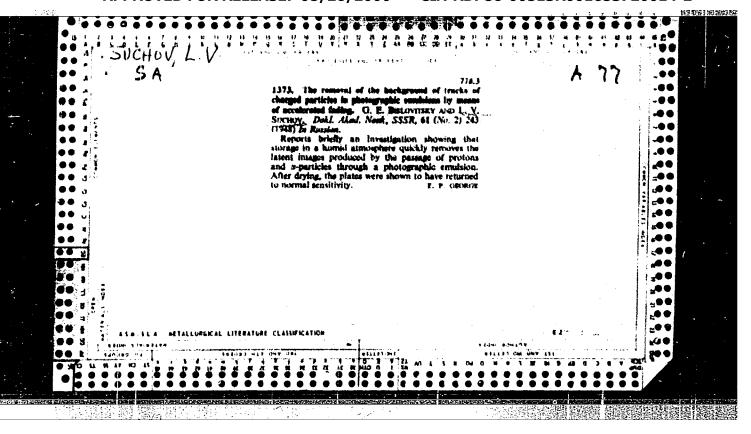


SUCHOWIAK, B.

We produce basic power engineering installations. p.ll

PRZEGLAD TECHNICZNY. (Naczelna Organizacja .echniczna) Warszawa, Poland. Vol.80, no.16, Apr. 1959

Monthly List of East European Accessions Index (EEAI) LC, Vol.8, no.64, June 1959 Uncl.



"The dission of tranken andled under the affect of Slow megative Fions, mast dentrons, and unmanallays with oner jes of up to 250 meV," Thur. eksper. i seor. fiz., 29, pp 537-550, 1955 aranslation whilely, page 27.

SECHOWIAK, B., mgr inz.

The machine industry intends to cover Poland's needs of equipment for the chemical industry. Przegl techn 85 no. 16:4 19 Ap '64

1. Dyrektor Zjednoczenia Przemyslu Budowy Urzadzen Chemicznych.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

CONTRACTOR DESCRIPTION OF THE PROPERTY OF THE

BISKUPSKI, B.; PORFTCH, L.; OKONIEWSKI, R.; RUSZKIEWICZ,W.; SZWALEK, F.; SUCHOZEBRSKA, B.

Radiological examination of the femoral heads using the bone plate method. Chir.nars.rushu ortop.polska 24 no.6:517-523 159.

1. Z Kliniki Ortopedycznej AM w Gdansku. Kierownik: doc. dr A.Senger. (FEMUR HEAD radiogr.)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

THE PERSON WERE THE BOARD THE PERSON WITH THE

OKONIEWSKI, R.; HUSZKIEWICZ, W.; SZWALUK, F.; BISKUPSKI, E.; WRZOLKOWA, T.; POHTYCH, L.; SUCHOZEBRSKA, B.

Localization of the field of fatty degeneration of the bone marrow in the upper segment of the femur in aged subjects. Chir.nars.ruchu ortop.polska 24 no.6:525-528 '59.

1. Z Kliniki Ortopedycznej AM w Gdansku. Kierownik: doc.dr A.Senger i z Zakladu Anatomii Patologicznej AM w Gdansku. Kierownik: prof. dr W. Czarnocki.

(BONE MARROW pathol.)
(FEMUR pathol.)

PORTYCH. I.; OKONIEWSKI, R.; RUSZKIEWICZ, W.; POZNIAK, Z.; SUCHCZEBRSKA, E.; BISKUPSKI, E.

Healing of experimental false joints. Chir. narz. ruchu ortop. polska 26 no.6:665-672 '61.

1. Z Kliniki Ortopedycznej AM w Gdansku Kierownik doc. dr A. Senger. (PSEUDAKTHROSIS exper)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

POZNIAK, Z.; PORTYCH, L.; OKONIEWSKI, R.; RUSZKIEWICZ, W.; SUCHCZEBRSKA, E.

Comparative histological and radiological studies on calluses during the course of fracture healing with special reference to false joints. Chir. narz. ruchu ortop. polska 26 no.6:673-685 '61.

1. Z Kliniki Ortopedycznej AM w Gdansku Kierownik: doc. dr A.Senger. (FRACTURES) (PSEUDARTHROSIS)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

日遊民國計 1560萬億時第年2000日

FORTYCH, Leszek; CKONIEWSKI, Roman; RUSCKIEWICZ, Wiktor; SUCHCZEAFSKA, Ewa; GLADKOWSKA, Ewa;

Further experimental studies on healing of pseudarthrosis. Chir. nerzad. ruchu ortop. Pol. 29 nc.2: 287-292 '64.

1. 7 Kliniki Grtopedycznej Akademii Medycznej w Gdansku (Kierownik: doc. dr. med. A. Senger).

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

Changes in the hypophysis and adrenal context under the influence of ACFH. Nauch. truly Riaz. med. inct. 15:134-136 (62. (MRA 17:5))

1. Kafedra patelogicheskoy anatomii (zav. kafedroy - prof. V.F.Boletskiy, nauchayy rukovoditel' - I.I.Mironov) Ryazanskogo meditsinskogo instituta imeni Paviova.

SUCHY, Dezso, dr.; KIRALY, Istvan, dr.

Accident prevention in the collective farms in Szolnok county. Nepegeszsegugy 44 no.7:204-208 Jl '63.

1. Kozlemeny a Szolnok megyei SaTK Alkozponttol.
(ACCIDENT PREVENTION)
(AGRICULTURAL WORKERS DISEASES)
(ACCIDENTS, INDUSTRIAL)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

· 在经验是是有数据的

### RUMANIA

ANDRONESCU, M., MD; ARESTEANU, L., MD; BULIGESCU, L., MD; COLITA, D., MD; DEMIRIAN, N., MD; IONESCU, Genoveva, MD; IONITA, C., MD; MARINESCU, N., MD; MOLDOVAN, T., MD; PAUNESCU, C., Lecturer; SEROPIAN, E., MD; STIGLET, C., MD; SUCIU, D., MD; VASILESCU, G., MD.

Medical Clinic of the "Carol Davila" Mospital" (Clinica medicala a Spitalului "Carol Davila") - (for all)

Bucharest, Viata Medicala, No 3, 1 Feb 64, pp 167-181

"Data Concerning Dispensary Supervision and Treatment of Epidemic Hepatitis in a Section of the town of Bucharest."

(14)

中国 中国 医克勒氏管 经存储器

HHY, E.

SUCHY, E. AND A. WIECZORKIEWICZ

"A Case of Parathyroid Tetrny in a **Six** Week Old Infant." (Clinic for Diagnosis of Children's Piseases and Clinic for Pediatric Tropadeutics of the Medical Academy in Marsaw).

SO: Ped. Polske, Vol. 3 (1953), No. 10, pp. 1022-1025.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

SUCHY, E.; SAPINSKI, W.; FRACKIENICZ, T.

Preventive application of chloromycetin in whooping cough in nurseries. Pediat. polska 29 no.5:533-537 May 54.

1. Z Kliniki Propedeutyki Pediatrii Akademii Medycznej w Warszawie, Kierownik: prof. dr med. W.Szenajch i z Kliniki Chorob Zakaznych Wieku Dzieciecego Akademii Medycznej, Kierownik: prof. dr med. J.Bogdanowicz.

(WHOOPING COUGH, prevention and control, chloramphenicol)
(CHLORAMPHENICOL, prev. of whooping cough)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

SUCHY, E; SZYMANSKA, J; SAPINSKI, W; SROCZYNSKA, J.

主机。政制制

Diphteria carriers in mursery infants. Pediat.polska 30 no.4: 374-376 Apr '55.

1. Z Kliniki Propedeutyki Pediatri A.M. w Warszawie, Kierownik: prof. dr med. W. Szenajch. Z Kliniki Ghorob Zakasnych Wieku Dzieciecego A.M. w Warszawie Kierownik: prof. dr med. J. Bogdanowciz. i ze Stacji Sanitarno-Epidemiologicznej w W-wie Kierownik: dr med. J. Jakobkiewicz. Warszawa, Dzialdowska 1/3.

(DIPHTHERIA, transmission carriers in nursery inf.)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

RACZKA, Eugeniusz, mgr., inz.; SUCHY, Henryk

Photometric method of indicating tin (Sn) in zinc metal. Rudy i metale
6 no.6:274-277 Je '61.

TIHELKOVA, D.; CHMELAR, J.; BORSKY, I.; SUCHY, J.

General evaluation of tested machines with special regard to physiology, hygiene and work safety. Pracovni lek. 13 no.7:348-353 S '61.

l. Ustav hygieny prace a chorob z povolani, Praha, reditel prof. dr. J. Teisinger Ustav hygieny prace a chorob z povolani, Bratislava, riaditel MUDr. I Klucik Statni zkusebni stanice zemedelskych stroju, Praha-Repy, prednosta inz. J. Dvorak.

(AGRICULTURE) (INDUSTRIAL MEDICINE)
(HUMAN ENGINEERING)

SUCHY, J.; ADAM, M.; P. RTLIK, L.

Intensification of the smoking process. p. 369

prumySL rotravin. (Ministerstvo potravinarskeho prumyslu) Praha,
Czechoslovakia, Vol. 10, no. 8, Aug. 1959

Monthly List of East European Acressions (EEAI), LC. Vol. 9, no. 2,
Feb. 1960

Uncl.

化排列器 建脂基脂肪 医水平性病 医水平性 医二甲甲

THE MOTION WALLAND THE REPORT OF THE STATE O

Anatomy

CZECHOSLOVAKIA

UDC 616-071.3-053.2(L37)

FETTER, V.; SUCHY, J.; PROKOPEC, M.; Complex of the Stations for Anthropometric Research of the Total State Territory (Komplex Pracovist Celostatniho Anthropometrickeho Vyzkumu), Stato Plan Coordinator (Koordinator ve Statnim Planu) Prof Dr F. BLAZEK.

"New Anthropological Standards of the Development of the Youth in Czechoslovakia."

Prague, Casopis Lekaru Geskych, Vol 105, No 48, 2 Dec 66, pp 1323 - 1324

Abstract: Anthropological results obtained in a survey in 1961 are reported. The survey includes height, body weight, head circumference, and chest circumference. The use of the tables is discussed. 7 Czech references. (Manuscript received May 66).

1/1

二二時能對 经净期的指数据数据

## "APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2

SUCHY, J.

Suchy, J.

ZOO-213 reaper. p. 232.

Vol. 5, no. 12, June 1955 MECHANISACE ZEMEDILSTVI

SO: Monthly List of East Turopean Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

Suchy, J.

AGRICULTURE

The TB 26 potato sorter. p. 158

Vol. 3, no. 7, July 1958

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 4, April 1959

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

Suchy, J.

AGRICULTURE

SOP-300 tractor rake and tedder. p. 18.

Vol. 9, no. 1, Jan. 1959

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 4, April 1959

Z/039/61/022/002/006/008 E192/E382

6.4000 (also 1041)

AUTHOR: Suchý, Jan

The Use of Very-high-frequency Radio Communications

TITLE: The Use of Very-night request, Range for Controlling Long-distance Traffic

PERIODICAL: Slaboproudý obzor, 1961, Vol. 22, No. 2, pp. 89 - 93

TEXT: Various methods of using mobile radio stations operating at very high frequencies for controlling long-distance traffic are discussed. A mobile station is situated in a vehicle and it must be constantly in touch with the dispatcher or controller, independently of its position along the route. Narrow-band frequency modulation with a carrier wave in the vicinity of 150 Mc/s is usually employed for this purpose. The choice of this frequency determines operating purpose. The choice of this frequency determines operating conditions in that it restricts the wave propagation to the visible range and results in the screening and feflection from various natural obstacles - large buildings, etc. Consequently, in order to cover long distances the system of fixed stations is arranged in such a manner that the

Card 1/4

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

3

组织的**在第三人**是**是国际的国际企业的研究,但可以共享的**对于自己的国际的,但是不是一个企业的企业,但是不是一个企业的企业,但是是一个企业的企业,但是是一个企业的企业,但

89315

Z/039/61/022/002/006/008 E192/E382

The Use of ....

Card 2/4

communication or transmission range of one overlaps the other. In this way, the whole route is adequately covered. However, continuous operation of such a system results in the appearance of considerable distortion at the receiver, . where the fields of the neighbouring stations overlap. This system is therefore inadequate and it was necessary to find other solutions. It is possible to provide the neighbouring transmitter stations with different frequencies. This will eliminate the interference but the system has serious disadvantages in that the receiver has to be switched to the right frequency at the right time. However, this deficiency can be overcome if the receiver is switched automatically, depending on the signal strength of a given transmitter; the system is similar to that of a diversity-reception system. There exist other methods of eliminating the interference between the neighbouring stations, such as providing the receiver with a number of directional antennae. However, these methods do not appear to be very successful. It seems that the best, or possibly the only, way of eliminating

Z/039/61/022/002/006/008 E192/E382

The Use of ....

interference and distortion is to ensure that the receiver accepts the signal from only one transmitter. A communication system based on this principle was developed and this was described in an earlier issue of this journal (No. 1, 1957, pp. 25 - 31). The system is based on automatic switching of the transmitters of the individual fixed stations, depending on the position of the mobile station. The switching of the fixed stations depends on the strength of the transmitted highfrequency field at the mobile receiver station. In this case, the dispatcher is able to select any mobile station in his sector. Conversely, the operator at the mobile station can call the dispatcher. Individual mobile stations can be called by a group of audiofrequency pulses, the calling frequency being 2 280 c.p.s., i.e. the fixed station which has the strongest carrier wave sends a blocking signal along the common modulating line to all the remaining fixed stations; the transmitters of all these stations are thus automatically switched off. As the mobile station recedes from the transmitter its signal, received by the fixed station, becomes weaker, whereas it increases at the neighbouring fixed station. When the signal reaches a Card 3/4

The Use of ....

Z/039/61/022/002/006/008 E192/E382

predetermined value, the new transmitter is switched on and the preceding one is switched off. This procedure is repeated as long as the mobile station is in operation. When the mobile station calls the dispatcher, the mobile transmitter is switched on and the fixed stations receive its signal. The dispatcher then switches on the transmitters of all the fixed stations and the discrimination circuits of these stations determine the station which receives the strongest signal and block all the remaining stations. It is seen, therefore, that the fixed stations are simultaneously in operation only during the calling period and during the transmission of the blocking pulse. This system has been found very satisfactory in operation. There are 11 figures and 4 references: 1 Czech and 3 non-Czech.

ASSOCIATION:

Tesla Hloubetin, n.p. (State Establishment,

Tesla Hloubětín)

SUBMITTED:

July 10, 1960

Card 4/4

SUCHY, J.; ZATHURECKY, L.; SOMOSKEOY, G.; MOLNAR, L.; BAUEROVA, O.

Stability of cardenolides of the strophanthidin type in injection solutions. II. Study of the reaction-kinetics of the isomerization of strophanthidin by UV spectrophotometry. Cesk. farm. 12 no.2: 107-111 F '62.

1. CSAV, Chemicky ustav SAV, oddelenie farmakobiodynamiky, Bratisłava. (STROPHANTHIN) (SPECTROPHOTOMETRY) (CHEMISTRY)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

TOMKO, Jozef, dr., inz., C.Sc.; SUCHY, Jan, inz.; BENDIK, Ivan, inz.

Alkaloids from the Veratrum album subsp. Lobelianum (Bernh.) Suessenguth. Part 4: Selenium dehydrogenation of the veralkamine. Chem zvesti 16 no.1/2:105-108 Ja-F '62.

1. Ceskoslovenska akademie ved, Oddelenie chemie alkaloidov, Chemicky ustav Slovenskej akademie vied, Bratislava, Mlynske nivy 37.

POLCIN, Jan, inz., C.Sc.; KOSIKOVA, Rozena, inz.; SUCHY, Jan, inz., C.Sc.; VASATKOVA, Miroslava, inz.

Examination of the alcohol extraction of lignin by means of infrared spectrophotometry. Chem zvesti 16 no.7:562-573 Jl '62.

1. Ceskoslovenska akademie ved, Ustav dreva, celulozy a chemickych vlakien Slovenskej akademie vied, Bratislava. Authors' address: Bratislava, Dubravska cesta, Chemicky ustav Slovenskej akademie vied.

24154 Z/043/61/000/001/001/001 D222/D302

5 3750

Furdík, M., Toma, Š., Suchý, J., and Elecko, P.

AUTHORS :

TITIE:

Derivatives of ferrocene (11) and derivatives based on diacetylferrocene - A method

for forming heteroannular rings

Chemické zvesti, no. 1, 1961, 45 - 62 PERIODICAL :

This paper is a continuation of the authors' studies on aldol condensation of monoacetylferrocene with aromatic aldehydes (Ref. 1: Chemické zvesti 14, 501 (1960)) and deals with the aldol condensation of diacetylferrocene with aromatic aldehydes and the influence exerted by the substituents and their position in the benzene nucleus of the aldehyde component. Special attention was paid to the question whether the second acetyl group condensates with another aldehyde molecule or causes intermolecular cyclization by the Michael addition on the double bond resulting from the aldol condensation of the first acetyl group. The diagetyl-

Card 1/7

Z/043/61/000/001/001/001 D222/D302

Derivatives of ferrocene ...

ferrocene for the tests was prepared by Friedel-Crafts reaction of acetyl chloride with ferrocene under the catalytic influence of anhydrous aluminum chloride in CS2. The aldol condensation was performed in methyl alcohol in which the reaction products were dissolved in a ratio of 1 mol ferrocene to 2 mol aldehyde catalyzed by diluted NaOH added at 40 - 50°C. Aldehydes used in the condensation were benzaldehyde, piperonal, o-chlorobenzaldehyde, o-, m-, and p-nitrobenzaldehyde, and furfural. The obtained condensation products could be crystallized with the exception of those obtained by condensation with o-nitrobenzaldehyde which had an oily character In most cases with the exception of nitrobenzaldehydes, the color of the condensation products was considerably less intense than that of the corresponding product obtained by monoacetylferrocene condensation and that of the initial diacetylferrocene itself. From the distinctive change of the color, it could be derived that the ethylenic double bond, originating by condensation on the first

Card 2/7

TO THE REPORT OF THE PROPERTY 
2l<sub>1</sub>15l<sub>1</sub> Z/043/61/000/001/001/001 D222/D302

Derivatives of ferrocene ...

acetyl group, was saturated during the reaction, which could be effected either by an intramolecular Michael addition of the second intact acetyl group, or by intramolecular addition of the acetyl group of another diacetylferrocene molecule (Reaction scheme 2). By analysis of reaction products, especially of their infrared spectra, it could be determined that the Michael addition takes place during formation of a heteroannular 8-membered ring (including the Fe atom). It was thus ascertained that the condensation of diacetylferrocene with benzaldehyde, piperonal, o-chlorobenzaldehyde, furfural (and partially also with m-nitrobenzaldehyde) yields cyclic l,l'-(a,a'-diketo-/-phenylpentamethylene) ferrocene or its derivatives respectively. Different products obtained by condensation with nitrobenzaldehydes showed an increase in color intensity. This led to the conclusion that the molecule conjugation increased considerably and that the Michael addition did not take place. This assumption was fully confirmed by the results of elementary

Card 3/7

24154

Z/043/61/000/001/001/001 D222/D302

Derivatives of ferrocene...

analysis and infrared spectra of obtained condensation products. The nitro group with its -I effect and -M effect paralyzed the influence of the carbonyl group, so that the neighboring ethylenic double bond was not sufficiently polarized to allow the Michael addition. The only reaction taking place was, therefore, aldol condensation and the originating products of the 1-acetyl-1'-cinnamoylferrocene type maintained their ethylenic double bond and their intact second acetyl group. The small amount of heteroannular rings originating with condensation with m-nitrobenzaldehyde can be attributed to the weaker electron-attracting effect of the m-nitro group. In conclusion the authors state that the tests listed in this paper prove that the aldol condensation of diacetylferrocene with benzaldehyde, piperonal, o-chlorobenzaldehyde, furfural, and partially also m-nitrobenzaldehyde is accompanied by the Michael addition which leads to the formation of heteroannular rings. This

Card 4/7

2/15h Z/043/61/000/001/001/001 D222/D302

Derivatives of ferrocere ...

intermolecular Michael addition can be considered a new preparative method for heteroannular cyclic ferrocene derivatives. The authors give credit to M. Pavlovičová of the Laboratórium fyzikálney chémie Oddelenia chémie prírodných látok Chemického ústavu SAV v Bratislave (Laboratory of Physical Chemistry, Department for Chemistry of Natural Products, Chemical Institute of the Slovak AS in Bratislava); Engineer C. Peciarov, Engineer K. Linekov and collaborators of the analytický laboratórium, Oddelenia chémie prírodných látok Chemického ústavu SAV v Bratislave (Analytical Laboratory, Department for Chemistry of Natural Products, Chemical Institute of the Slovak AS in Bratislava); and J. Krskov of the analytický oddelenia Výzkuného ústavu agrochemickej technologie v Bratislave (Analytical Department of the Research Institute for Agrochemical Technology in Bratislava). There are 15 figures, 2 tables and 6 references: l Sovietbloc, 5 non-Soviet-bloc. The references to English-

Card 5/7

24648 Z/043/61/000/008/001/001 D213/D303

53700

AUTHORS:

Furdík, Mikuláš, Professor, Engineer; Toma, Štefan,

Chemist and Suchý, Ján, Engineer

TITLE:

Ferrocene derivatives (III). Fulvene on the basis of

monoacetyl - and diacetyl ferrocene

PERIODICAL:

Chemické zvesti, no. 8, 1961, 547-553

TEXT: This article is a continuation of previous work by the authors (Ref. 1: M. Furdík, P. Elečko, S. Toma, J. Suchý, Chem. zvesti 14, 501, (1960)) and (Ref. 2: M. Furdík, S. Toma, J. Suchý, P. Elečko, Chem. zvesti 15, 45, (1961)), and describes the production of fully are on the basis of managental ferrocene and 1.1' diagrams. tion of fulvene on the basis of monoacetyl ferrocene and 1.1' diacetyl ferrocene as passive components of the reaction. Choosing the conditions for the reaction, both fulvenes, the  $\alpha$ -cyclopentadienylidenethylferrocene and the 1.1'-bis( \alpha -cyclopentadienylidenethyl) - ferrocene were produced. To identify them infra-red absorption spectra were used. The appearance (coloring) of the two crystals was very similar, though the bis-derivative was the lighter; the

Card 1/4

Ferrocene derivatives (III)...

24648 2/043/61/000/008/001/001 D213/D303

420 -  $650~\text{m}\mu$  was done with a Zeiss universal spectrophotometer, using ethylalcohol solution concentration 5  $\cdot$   $10^{-4}~\text{M/1}$  . There are 4 figures and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: P.L. Pauson, Am. Chem. Soc. 76, 2187 (1954)

ASSOCIATION: Katedra organickej chémie a biochémie PFUK (Chair of

Organic Chemistry and Biochemistry, Philosophical Faculty, Komensky University)

SUBMITTED:

March 19, 1961

Card 3/4

FURMIX, Mikulas, prof., inz.; TOMA, Stefan, promovany chemik; SUCHY, Jan, inz., C.Sc.

On ferrocene drivates. Part 4: Derivates on the basis of the 1,1'-diacetylferrocenes; constribution to the examination of structure of heteroannular cycles. Chem zvesti 15 no.11/12:789-806 M-D '61.

1. Katedra organickej chemie a biochemie Prirodovedeckej fakulty University Komenskeho, Bratislava (for Furdik and Toma) 2. Oddelenie chemie prirodnych latok Chemickeho ustavu Slovenskej akademie vied, Bratislava (for Suchy). Authors' addresses: Bratislava, Smeralova 2 (for Furdik and Toma); Bratislava, Mlynske nivy 37, Chemicky ustav Slovenskej akademie vied (for Suchy).

A CONTROL OF STREET STREET STREET STREET STREET STREET

MOKRY, Jozef, inz., C.Sc.; KOMPIS, Ivan, inz.; SUCHY, Jan, inz.; SEFCOVIC, Pavel, dr., inz., C.Sc.; VOTICKY, Zdeno, dr., inz., C.Sc.

Contribution to the study of vincamine constitution. Chem zvesti 16 no.1/2:140-150 Ja-F '62.

1. Ceskoslovenska akademie ved, Oddelenie chemie alkaloidov Chemickeho ustavu Slovenskej akademie vied, Bratislava. Authors' address: Bratislava, Mlynske nivy 37, Chemicky ustav Slovenskej akademie vied.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2"

安<del>德德德德德德德德德</del>

· HELECTRIC AND AND THE STATE OF THE STATE O

FURDIK, Mikulas, prof., inz. (Bratislava, Smeralova 2); TOMA, Stefan (Bratislava, Smeralova 2); SUCHY, Jan, inz., C.Sc. (Bratislava, Mlynske nivy 37)

Ferrocene derivates (5). Aldol condensation of 1,1'-dlacetylferrocene with aliphatic aldehydes. Chem zvesti 16 no.6:449-457 Je '62.

1. Katedra organickej chemie a biochemie Prirodovedeckej fakulty Univerzity Komenskeho, Bratislava (for Furdik and Toma). 2. Ceskoslovenska akademie ved, Chemicky ustav Slovenskej akademie vied, Bratislava (for Suchy).

SUCHY, Jan, inz.; VASATKOVA, Miloslava, inz.

Spectrophotometry in a near infrared area on the apparatus UR 10 Zeiss. Chem zvesti 16 nc.6:486-490 Je '62.

1. Ceskoslovenska akademie ved, Oddelenie fyzikalnej a analytickej chemie, Chemicky ustav Slovenskej akademie vied; Ustav dreva, celuslozy a chemickych vlakien, Slavenska akademia vied, Bratislava. Adresa autorov: Bratislava, Mlynske nivy 37, Chemicky ustav, Slovenska akademie vied.

WAS DESCRIBED IN THE COMMENT OF THE PROPERTY O

FURDIK, Mikulas, prof., inz.; TOMA, Stefan, promovany chemik; DZURILIA, Milan, promovany chemik; SUCHY, Jan, inz., C.Sc.

Ferrocene derivates. Part 7: Diels-Alder reaction of the ferrocenyl fulvene and its derivates with N-substituted maleic acid imides. Chem zvesti 16 no.10:719-740 0 162.

1. Katedra organickej chemie a biochemie, Prirodovedecka fakulta Univerzity Komenskeho, Bratislava, Smeralova 2 (for Furdik, Toma and Dzurilla). 2. Oddelenie chemie prirodnych latok, Chemicky ustav, Slovenska akademia vied, Bratislava, Mlynske nivy 37 (for Suchy).

Z/043/63/000/001/001/004 D287/D307

AUTHORS:

Furdik, H., Toma, S. and Suchy, J.

TITLE:

Ferrocene derivatives. VIII. Diels-Alder reaction of

N-ferrocene maleinimide with dienes

PERIODICAL: Chemické Zvesti, no. 1, 1963, 21-29

TEXT: The present work is a continuation of an earlier investigation by the authors with the difference that they investigated the effect of the ferrocenyl group on the endo-exo isomerism of the dienophile-diene adducts. N-ferrocene-maleinimide was used as the dienophile, and was reacted with cyclopentadiene, dimethyl fulvene, ferrocenyl fulvene, a -cyclopentadienylidene ferrocene, furan and α-mythylfuran. The Diels-Alder reactions were carried out in acetone under reflux, using equimolar quantities (10% excess for very volatile dienes). Only 1 isomer was separated in each case, i. e. the endo-isomer of the bicyclic adduct. The 1110 cm -1 band assigned to mono-derivatives of ferrocene, and the  $800 - 900 \, \mathrm{cm}^{-1}$  bands of Card 1/3

CIA-RDP86-00513R001653720014-2" APPROVED FOR RELEASE: 08/26/2000

Z/043/63/000/001/001/004 D287/D307

Ferrocene derivatives ..

the aromatic nucleus could be observed in all spectra. The C-O group of the maleinimide appears as a strong band at 1710 to 1720 cm<sup>-1</sup> and as a weaker band shifted by approximately 60 cm<sup>-1</sup> towards the higher wavelengths. The intensity of this band is weak in N-ferrocenyl maleinimide, increases in cyclopentadiene and furan adducts and is considerably increased in derivatives of these adducts. The absorption maximum in the 615 - 645 cm<sup>-1</sup> region in the ir spectra of the adducts confirms the endo-isomers are formed. The listed bicyclic adducts formed have not hitherto been described in literature; they include: N-ferrocenylbicyclo-1,2,2-heptene-5-in literature; they include: N-ferrocenyl-7-dimethylmethylene bicyclo-1,2,2-heptene-5-2,3-dicarboximide, N-ferrocenyl-1,4-endoxo-cyclohexene-5-2,dicarboximide, N-ferrocenyl-1-methyl-1,4-endoxo-cyclohexene-5-2,3-dicaboximide, N-ferrocenyl-7-methyl-ferrocenylmethylene-bicyclo-1,2,2-heptene-5-2-3-dicarboximide. The ir spectra were measured with KBr pellets on an UR 10 Zeiss ir spectrophotometer.

Card 2/3

Ferrocene derivatives ...

2/043/63/000/001/001/004 D287/D307

ASSOCIATION: Labóratorium chemie Prirodovedeckej fakulty Univerzity Komenského, Bratislava, ČSAV, Chemický ústav Slovenskej akadémie vied, Fyzikalno-chemicke oddelenie, Bratislava (Chemical Laboratory of the Department of Natural Sciences of the Komensky University, of the Slovak Academy of Sciences. Department of of the Slovak Academy of Sciences, Department of Physical Chemistra, Bratislava)

SUBMITTED:

July 13, 1962

Card 3/3

45196 Z/043/63/000/001/003/004 D287/D307

AUTHORS:

Mokrý, J., Kompis, I., Suchý, J., Šefčović, P. and

Votický, Z.

TITLE:

Alkaloids from Vinca minor L. V. The structure of

vincamine

PERIODICAL: Chemické Zvesti, v. 17, no. 1, 1963, 41-53

FEXT: E. Schlitter and A. Furlenmeier separated vincamine, the main constituent of Vinca minor L. for the first time. The authors modified the method described by S. Scheindlin and N. Rubin for separating the crude alkaloid from the plant and obtained a new alkaloid, vincarein, from the crystalline fraction of the crude alkaloid solution (vincarein:  $C_{21}H_{24}N_{20}_{4}$ ). This compound has the same physical and chemical properties as vincaminine and the authors suggest that the two compounds are identical. The separation of vincamine  $(C_{21}H_{26}N_{20})$  was described in an earlier publication (Chem. Zvesti, v. 16, 1962, 140); vincaminol  $C_{20}H_{26}N_{20}$  was obtained by Card 1/3

Z/043/63/000/001/003/004 D287/D307

Alkaloids from Vinca ...

reduction of vincamine with LiAlH<sub>4</sub>. Dehydrogenation with Se gave vincyrine and isovincyrine ( $C_{19}^H_{22}^N_2$ ). The structure of vincamine was proved by oxidation of vincaminol: vincamone and formaldehyde were obtained and it was therefore obvious that the compound was a vincamine and that the -OH and -COOCH<sub>3</sub> groups in vincamine are on the same C-atom ( $C_{14}$ ). The formula of vincamone, the uv and ir spectra and the m.p. of the compound are identical with those of eburnamonine. Apovincamine (obtained by dehydration of vincamine) can be subjected to catalytic hydrogenation and esterification and yields desoxyvincamine  $C_{21}^H_{26}^N_2O_2$  which has an equatorial carbmethoxy group; the same position of the carbmethoxy group and configuration are assumed to exist in vincamine. There are 2 figures.

ASSOCIATION: ČSAV, Chemicky ústav Slovenskej akadémie vied, Oddelenie chémie alkaloidov, Bratislava (Czeshoslovak AS, Institute of Chemistry of the Slovak Academy of

Card 2/3

## "APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720014-2

Alkaloids from Vinca ...

Z/043/63/000/001/003/004 D287/D307

Sciences, Department of Alkaloid Chemistry, Bratis-lava)

SUBMITTED:

June 6, 1962

Card 3/3